

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Daniel Boone National Forest,
Berea Ranger District

STATE: Kentucky

COUNTY:

AREA WITHIN SURVEY BOUNDARY: 73,000 acres DATE: 5/11/77

PERCENT COVERAGE: 50% AIRCRAFT: Aero CREW: R. F. Bassett;
Commander 500B Cliff Rafson,
Berea Ranger
District

SURVEY OBJECTIVES: Southern pine beetle detection

SURVEY RESULTS

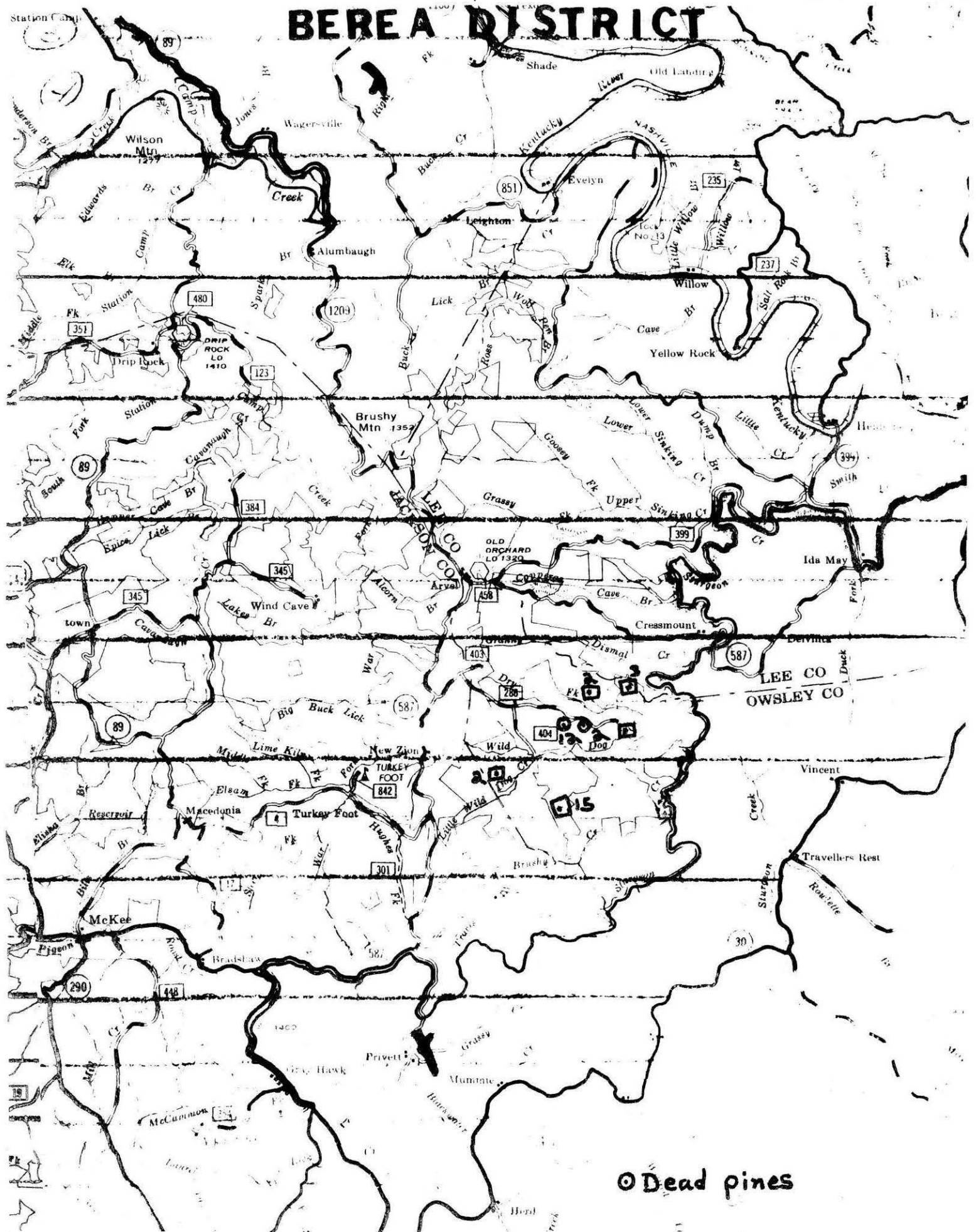
Seven spots of dead pine trees were located in the Dog Creek section of the Berea District (see attached map). The spots ranged in size from 2 to 15 trees and appeared from the air to be old and probably inactive infestations. Also an area of pine defoliation was located on Forest Service Road 477 near Roundstone on the western boundary of the District.

SUMMARY

The aerial survey indicated a low level of beetle activity on the Berea Ranger District. Spots of dead pines detected on the aerial survey should be ground checked to determine the causal agent and if there are any green southern pine beetle infested trees in the area. Also the area of pine defoliation should be checked to find the causal agent. Any specimen suspected of causing the defoliation can be submitted for identification to the address at the end of this report.

For any additional information, Contact:
Forest Insect and Disease Management Unit
Southeastern Area, State & Private Forestry
Northgate Office Park, Room 2103
Doraville, Georgia 30340
Telephone 402-221-4796

BEREA DISTRICT



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